

IN THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning at page 9, line 1 through page 10, line 3, with the following rewritten paragraph as follows:

-- First, in determining the restriction upon parts and/or the restriction upon production capability, by paying attention onto the storage of the parts, the semi-products and/or the products, those are considered to be in warehouse(s), and flows of storage into the warehouse and of delivery from it are made into models, in each of the terms, without discrimination among those parts, semi-products and/or products. The flows of storage into the warehouse and of delivery from it are shown in Fig. 1. Orders for the parts are given to parts manufacturers (supply points) 101, and they are supplied after a delivery lead time, thereby being stored into the warehouses 102 as inventory of the parts. The warehouses 102 for the parts are considered to be located at parts supply points, for simplicity thereof in the models, however, in practice, it does not matter that they are located anywhere. The semi-products are manufactured, by delivering the necessary parts from warehouse 102 of the parts to a production point 104 in need thereof, after a transportation lead time 103, respectively, in a process 105 of the point and they are stored into the warehouse 106, thereby becoming inventory of semi-products. The products are manufactured, by delivering necessary parts and/or the semi-products from the respective warehouses 102 and 106 thereof to a production point 108 in need thereof, after a transportation lead time 107, in a process 109 of the point, and they are stored into the warehouse 110, thereby becoming inventory of products. The

inventory of products is delivered by taking the transport lead time 111 into the consideration, so as to be within the due date to the marketing points. --